

Crystallochemical features of chlorites of the earth crust deep horizons

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Abstract

© SGEM2014. All Rights Reserved. This article analyzes finely dispersed matter in the deep horizons of the Earth's crust -the crystalline basement destruction zones of the East Russian Plate. In these areas, the complex of clay minerals is formed. The work describes in detail crystallochemical features of chlorites, which differ on the specifics of ions Fe^{3+} , Fe^{2+} entering in structurally nonequivalent positions.

Keywords

Basement, Chlorite, Destruction zones, Drilling, Polytype